

CLAIMS

Now, therefore, the following is claimed:

- 1 1. A cellular apparatus, comprising:
2 an antenna; and
3 control logic configured to monitor cellular signals detected by said antenna,
4 said cellular signals transmitted from cellular devices and identifying said cellular
5 devices, said control logic further configured to receive a request to transmit to a
6 remote cellular device and to make a determination, in response to said request, as to
7 whether said remote cellular device is identified by one of said cellular signals
8 detected by said antenna, said control logic further configured to transmit a cellular
9 signal based on said determination.
- 1 2. The apparatus of claim 1, further comprising:
2 a lens; and
3 a conversion mechanism configured to convert light received via said lens into
4 digital data,
5 wherein said control logic is configured to include said digital data in said
6 cellular signal transmitted by said control logic.
- 1 3. The apparatus of claim 1, wherein said control logic is configured to
2 transmit a service request signal to a cellular tower.

1 4. The apparatus of claim 1, wherein said control logic is further
2 configured to include a cellular tower identifier in said cellular signal transmitted by
3 said control logic, if said control logic fails to determine in said determination that
4 said remote cellular device is identified by one of said signals detected by said
5 antenna.

1 5. The apparatus of claim 1, wherein said control logic is further
2 configured to define said cellular signal such that, if said control logic determines in
3 said determination that said remote cellular device is identified by one of said signals
4 detected by said antenna, any cellular tower that receives said cellular signal ignores
5 said cellular signal.

1 6. The apparatus of claim 1, wherein said control logic is configured to
2 define said cellular signal transmitted by control logic such that, if said control logic
3 determines in said determination that said remote device is identified by one of said
4 cellular signals detected by said antenna, said remote cellular device is responsive to
5 said cellular signal transmitted by said control logic.

1 7. The apparatus of claim 6, wherein said control logic is configured to
2 define said cellular signal transmitted by said control logic such that, if said control
3 logic determines in said determination that said remote cellular device is not identified
4 by one of said cellular signals detected by said antenna, a cellular tower is responsive
5 to said cellular signal transmitted by said control logic.

1 8. A cellular apparatus for transmitting cellular signals, comprising:
2 an antenna; and
3 control logic configured to transmit, via said antenna, a cellular signal that
4 identifies a remote cellular device, said control logic further configured to make a
5 determination as to whether said remote cellular device is within a transmission range
6 of said apparatus and to define said cellular signal based on said determination.

1 9. The apparatus of claim 8, wherein said apparatus further comprises:
2 a lens; and
3 a conversion mechanism configured to convert light received via said lens into
4 digital data,
5 wherein said control logic is further configured to include said data in said
6 cellular signal.

1 10. The apparatus of claim 8, wherein said control logic is configured to
2 transmit a service request signal to a cellular tower.

1 11. The apparatus of claim 8, wherein said control logic is configured to
2 detect whether said apparatus has received a cellular signal transmitted from said
3 remote cellular device and to make said determination based on whether said control
4 logic has detected said cellular signal transmitted from said remote cellular device.

1 12. The apparatus of claim 8, wherein said control logic is configured to
2 transmit said cellular signal directly to said remote cellular device, if said control logic
3 determines in said determination that said remote cellular device is within said
4 transmission range.

1 13. The apparatus of claim 8, wherein said remote cellular device, based on
2 said cellular signal, is configured to interface, with a user of said remote cellular
3 device, data included in said cellular signal.

1 14. The apparatus of claim 8, wherein said control logic is configured to
2 define said cellular signal such that a cellular tower is responsive to said cellular
3 signal, if said control logic determines in said determination that said remote cellular
4 device is not within said transmission range.

1 15. The apparatus of claim 14, wherein said control logic is configured to
2 define said cellular signal such that said cellular tower is non-responsive to said
3 cellular signal, if said control logic determines in said determination that said remote
4 cellular device is within said transmission range.

1 16. A cellular transmission method, comprising the steps of:
2 monitoring cellular signals received by a cellular communication apparatus;
3 identifying a plurality of remote cellular communication devices based on said
4 cellular signals monitored in said monitoring step;
5 detecting a transmission request at said cellular communication apparatus;
6 determining, in response to said detecting step, whether a remote cellular
7 communication device identified by said transmission request has been identified in
8 said identifying step; and
9 transmitting, based on said determining step, a cellular signal from said
10 cellular communication apparatus to said remote cellular communication device
11 identified by said transmission request.

1 17. The method of claim 16, further comprising the step of transmitting a
2 request for service signal from said cellular communication apparatus to a cellular
3 tower.

1 18. The method of claim 17, further comprising the step of defining said
2 cellular signal transmitted in said transmitting step such that said cellular tower is
3 non-responsive to said cellular signal.

1 19. The method of claim 16, further comprising the steps of:
2 capturing an image via said cellular communication apparatus;
3 defining said image in data; and
4 including said data in said cellular signal transmitted in said transmitting step.

1 20. A cellular transmission method, comprising the steps of:
2 detecting a transmission request at a cellular communication apparatus;
3 determining, in response to said detecting step, whether a remote cellular
4 communication device identified by said transmission request is within a transmission
5 range of said cellular communication apparatus; and
6 transmitting a cellular signal from said cellular communication apparatus to
7 said remote cellular communication device identified by said transmission request.

1 21. The method of claim 20, further comprising the step of transmitting a
2 service request signal from said cellular communication apparatus to a cellular tower.

1 22. The method of claim 20, further comprising the steps of:
2 capturing an image via said cellular communication apparatus;
3 defining said image in data; and
4 including said data in said cellular signal transmitted in said transmitting step.

1 23. The method of claim 20, wherein said determining step includes the
2 step of determining whether said cellular communication apparatus has received a
3 signal transmitted from said remote cellular communication device.